



MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

AUGUST, 1943

J. A. BROWN, DIRECTOR

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AUGUST 1943

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.9	55.3	55.1	55.1	32.6	22.9	28.7	32.1	26.2	29.0
2	4.8	4.4	4.5	4.6	32.1	23.4	27.6	31.4	26.1	28.4
3	5.3	5.6	5.5	5.5	31.7	23.4	27.9	30.2	26.7	28.3
4	6.2	6.2	6.3	6.2	32.5	23.5	27.4	32.1	26.4	28.6
5	6.3	6.0	6.1	6.1	31.4	22.8	28.1	30.4	26.2	28.2
6	55.1	54.3	53.3	54.2	32.5	24.3	28.3	31.7	26.3	28.8
7	2.5	2.1	1.8	2.1	32.7	24.1	27.9	32.2	26.8	29.0
8	2.8	2.6	3.3	2.9	33.0	23.9	28.3	30.2	26.8	28.4
9	4.5	4.3	4.4	4.4	32.8	23.4	28.0	32.2	27.3	29.2
10	4.1	4.4	4.2	4.2	32.8	22.9	26.8	32.3	27.1	28.7
11	55.0	54.6	54.6	54.7	32.3	23.4	28.4	32.1	26.2	28.9
12	4.2	3.5	3.1	3.6	33.0	24.3	27.7	31.5	27.1	28.8
13	3.0	2.9	2.9	2.9	33.3	24.3	27.9	33.0	27.1	29.3
14	4.5	5.2	5.7	5.1	33.2	25.0	27.8	32.6	27.4	29.3
15	7.1	7.4	7.4	7.3	33.3	24.2	28.5	32.2	27.3	29.3
16	57.8	57.7	56.7	57.4	32.9	25.1	28.4	32.6	26.8	29.3
17	5.8	5.0	4.2	5.0	32.0	24.7	27.9	30.8	26.5	28.8
18	3.2	3.0	2.4	2.9	33.0	25.0	28.0	31.7	27.3	29.0
19	2.5	3.0	3.7	3.1	33.6	25.1	28.9	32.9	28.2	30.0
20	4.7	4.8	5.2	4.9	33.3	25.1	28.4	33.4	27.8	29.9
21	54.9	55.0	54.6	54.8	33.6	25.2	28.9	32.9	27.8	29.9
22	5.2	5.1	5.1	5.1	33.7	25.6	28.4	33.7	28.9	30.3
23	4.9	4.9	4.4	4.7	33.6	24.6	28.6	33.4	27.8	29.9
24	3.5	3.5	3.4	3.5	33.2	23.9	28.0	32.2	26.9	29.0
25	4.5	5.1	5.8	5.1	33.0	23.4	27.6	32.3	26.6	28.8
26	57.4	57.9	57.9	57.7	33.0	24.0	27.1	32.8	27.2	29.0
27	8.0	7.4	7.4	7.6	33.5	23.9	27.7	32.2	27.2	29.0
28	7.5	6.6	6.4	6.8	32.1	24.2	27.2	30.1	26.6	28.0
29	6.8	5.5	4.7	5.7	32.2	25.7	26.6	30.8	26.7	28.0
30	5.3	4.6	4.9	4.9	32.7	24.6	28.0	31.2	27.3	28.8
31	4.9	4.9	5.1	5.0	32.6	24.6	28.1	31.4	26.7	28.7
	55.07	54.92	54.85	54.94	32.81	24.21	27.97	31.95	27.00	28.98

Barometer, range for month 751.8 - 758.0 mm.

„ 62-yr. average for month 756.08 mm.

Thermometer, range for month 22.8° C - 33.7° C.

„ 62-yr. average for month 28.50° C.

Rain, total for month 0.0 mm.

„ , 62-yr. average for month 0.51 mm.

„ , total, from Sept. 1st. 1131.30 mm.

62-yr. average, total from Sept. 1st. 834.94 mm.

*Summer time

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.3	20.2	18.6	19.7	69	56	74	66	12.6	520.0	
2	16.8	17.6	18.7	17.7	62	51	74	62	12.3	248.0	
3	18.7	19.9	20.4	19.7	67	62	78	69	12.4	152.0	
4	19.2	20.1	19.5	19.6	70	56	76	67	12.0	384.0	
5	19.4	19.6	18.4	19.1	69	60	73	67	12.4	520.0	
6	16.5	19.0	18.5	18.0	57	54	72	61	12.5	432.0	
7	19.1	21.1	21.5	20.6	68	59	83	70	12.3	360.0	
8	20.9	21.8	22.2	21.6	73	68	84	75	12.1	384.0	
9	21.6	22.3	23.1	22.3	76	63	86	75	12.3	368.0	
10	21.1	22.7	21.5	21.8	81	63	81	75	12.5	296.0	
11	20.2	20.0	20.6	20.3	70	57	82	73	12.4	512.0	
12	20.1	21.1	21.6	20.9	72	61	82	72	10.3	296.0	
13	20.6	22.9	23.0	22.2	74	61	87	74	12.2	288.0	
14	21.6	22.1	22.4	22.0	78	60	84	74	12.4	264.0	
15	20.9	22.0	22.2	21.7	73	61	82	72	11.6	192.0	
16	20.6	21.2	21.7	21.2	71	58	83	71	11.8	224.0	
17	20.5	21.0	22.1	21.2	73	63	86	74	12.0	208.0	
18	21.6	22.9	22.4	22.3	76	66	83	75	12.3	152.0	
19	22.6	22.9	22.8	22.8	76	61	81	73	11.5	280.0	
20	21.9	22.2	22.0	22.0	76	58	79	71	11.6	368.0	
21	20.7	22.5	22.4	21.9	70	60	81	70	11.9	304.0	
22	21.7	25.3	22.5	23.2	76	66	76	73	11.8	544.0	
23	21.2	22.5	22.2	22.0	73	58	80	70	11.9	288.0	
24	20.8	21.7	20.7	21.1	74	61	79	71	11.9	512.0	
25	19.1	20.6	20.5	20.1	70	58	79	69	11.7	440.0	
26	19.9	21.4	21.7	21.0	76	58	82	72	11.7	280.0	
27	20.6	23.5	22.7	22.3	75	66	85	75	11.8	208.0	
28	19.2	20.0	20.9	20.0	72	62	81	72	11.6	232.0	
29	19.7	22.7	21.8	21.4	76	69	85	77	11.5	152.0	
30	20.5	21.7	22.4	21.5	73	64	84	74	11.6	144.0	
31	21.7	22.4	21.7	21.9	77	65	84	75	11.7	184.0	
	20.30	21.51	21.37	21.06	72.3	60.8	80.8	71.4	11.6	314.0	

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 3 hours equals G. C. T.

62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	3cu	0	1.3	1sw	3sw	1sw	calm	
2	0	0	0	0.0	2sw	2sw	0	"	
3	0	10cu	8cu	6.0	1nw	1n	0	"	
4	1cu	2cu	1cu	1.3	2sw	2sw	0	light	
5	0	3cu	2cu	1.7	2sw	3sw	2sw	calm	
6	1cu	1cu	1cu	1.0	1sw	2sw	2sw	light	
7	0	0	0	0.0	1sw	2sw	0	calm	
8	1cu	1cu	0	0.7	2sw	1sw	0	"	
9	5cu	0	0	1.7	1sw	1sw	0	"	
10	3cu	3cu	0	2.0	0	2sw	0	"	
11	0	0	0	0.0	1nw	2sw	0	calm	
12	1cu	0	0	0.3	1sw	1sw	0	"	
13	0	1cu	1cu	0.7	1sw	2w	0	"	
14	3cu	1cu	1cu	1.7	1sw	2sw	0	"	
15	2cu	4cu	8cu	4.7	0	2sw	0	"	
16	6cu	1cu	0	2.3	1sw	2sw	0	calm	
17	6cu	0	0	2.0	0	1sw	0	"	
18	0	0	0	0.0	1nw	1nw	0	"	
19	0	1cu	0	0.3	1sw	1sw	0	"	
20	1eicu	1cu	1cu	1.0	1sw	2sw	0	"	
21	1cu	1cu	0	0.7	0	2sw	1sw	light	
22	1cu	2cu	1cu	1.3	2sw	2sw	2sw	"	
23	0	0	0	0.0	0	2sw	0	calm	
24	0	3cu	0	1.0	2sw	2sw	0	"	
25	0	0	0	0.0	2sw	2sw	0	"	
26	0	0	0	0.0	0	2sw	0	calm	sky hazy at night.
27	0	0	0	0.0	1sw	1sw	0	"	
28	1cu	0	0	0.3	1nw	1nw	0	"	
29	0	1cu	0	0.3	0	1s	0	"	
30	1cu	0	0	0.3	0	2nw	0	"	
31	4cu	0	0	1.3	1nw	2nw	0	"	
				1.09					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind.

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	0	0	0	0	18	0	5	8	31
14:30	1	0	0	0	1	24	1	4	0	31
20:30	0	0	0	0	0	5	0	0	26	31
Totals	1	0	0	0	1	47	1	9	34	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.2 days